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DESTINATION :	<u>USPTO</u>	Date :	<u>02/06/2004</u>
Attention :	<u>Ex Michael Nigrem</u>	Fax. No. :	<u>(703) 872-9306</u>
	<u>Ex John Barlow</u>	Msg. No. :	
Copies to :		Total pages :	<u>4</u>
From :	<u>Michael Faibisch, Adv.</u>	(including cover page)	
Subject :	<u>VSSN: 09/735,872</u>		

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MEMORANDUM  
NOT TO BE ENTERED

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Application: 09/735,872  
Pulse Light Pattern WriterSTC Ref: 51811  
Orbotech Ref: 524Attention: Examiner Michael Nghiem  
Examiner John Barlow

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The following is being provided in advance of an interview to be held with Applicant's representative, Sanford T. Colb.

Regarding claim 61: Rejection not applicable because prior reference and application commonly owned.

## Proposed Claim amendments:

1. (currently amended) Apparatus for transmitting information at a data rate comprising:

a pulsed light source that produces pulsed light;

a data signal source that provides data signals; and

a modulator that receives the pulsed light and the data signals and selectively modulates the pulsed light with a modulating signal responsive to the data signals ~~and a modulator that asynchronously modulates the pulsed light at a data rate that is higher than a pulse repetition rate of a modulated the pulsed light.~~

5. (currently amended) Apparatus for recording an image on a photosensitive surface, comprising:

a pulsed light source that produces pulsed light;

a data signal source that provides data signals;  
a modulator that receives the pulsed light and the data signals and  
selectively modulates the pulsed light with a modulating signal responsive to the data  
signals ~~a modulator that modulates the pulsed light at a data rate that is higher than a~~  
~~pulse repetition rate of a modulated~~ the pulsed light; and  
a scanner that scans the modulated pulsed light over the surface.

26. (currently amended) A method for transmitting information at a data rate comprising:

providing pulsed light that is pulsed; and  
providing data signals;  
selectively modulating the pulsed light with a modulating signal  
responsive to the data signals  
~~asynchronously modulating the pulsed light at a data rate that is higher~~  
than a pulse repetition rate of ~~a modulated~~ the pulsed light.

29. (currently amended) A method for recording an image on a photosensitive surface, comprising:

providing pulsed light that is pulsed;  
providing data signals;  
selectively modulating the pulsed light with a modulating signal  
responsive to the data signals ~~modulating the pulsed light at a data rate that is higher than~~  
a pulse repetition rate of ~~a modulated~~ the pulsed light; and  
scanning the modulated pulsed light over the surface to record an image.

49. (ALLOWED) Apparatus for exposing a pattern on a photosensitive surface comprising:

a laser light source providing a beam formed of successive substantially instantaneous laser pulses separated by a time interval;  
a data signal source that provides data signals;

a modulator that receives the beam and the data signals and selectively modulates the beam with a modulating signal responsive to the data signals for a time period longer than said time interval, such that the modulating signal is operative to modulate at least two successive pulses; and

an optical subsystem that receives the modulated beam and projects an image of the modulator onto a photosensitive surface to expose a pattern thereon according to said modulating signal, wherein the modulating signal is an acoustic wave and wherein an attribute of the modulating signal changes between at least some of the two successive pulses.

61. Apparatus for recording an image on a photosensitive surface, comprising:

a pulsed light source that produces pulsed light having a first wavelength and a pulsed repetition rate;

a wavelength converter external to the pulsed light source that receives said pulsed light and outputs wavelength converted pulsed light having a second wavelength which is less than the first wavelength;

a modulator that receives and modulates the wavelength converted pulsed light; and

a scanner that scans the modulated wavelength converted pulsed light over the surface.